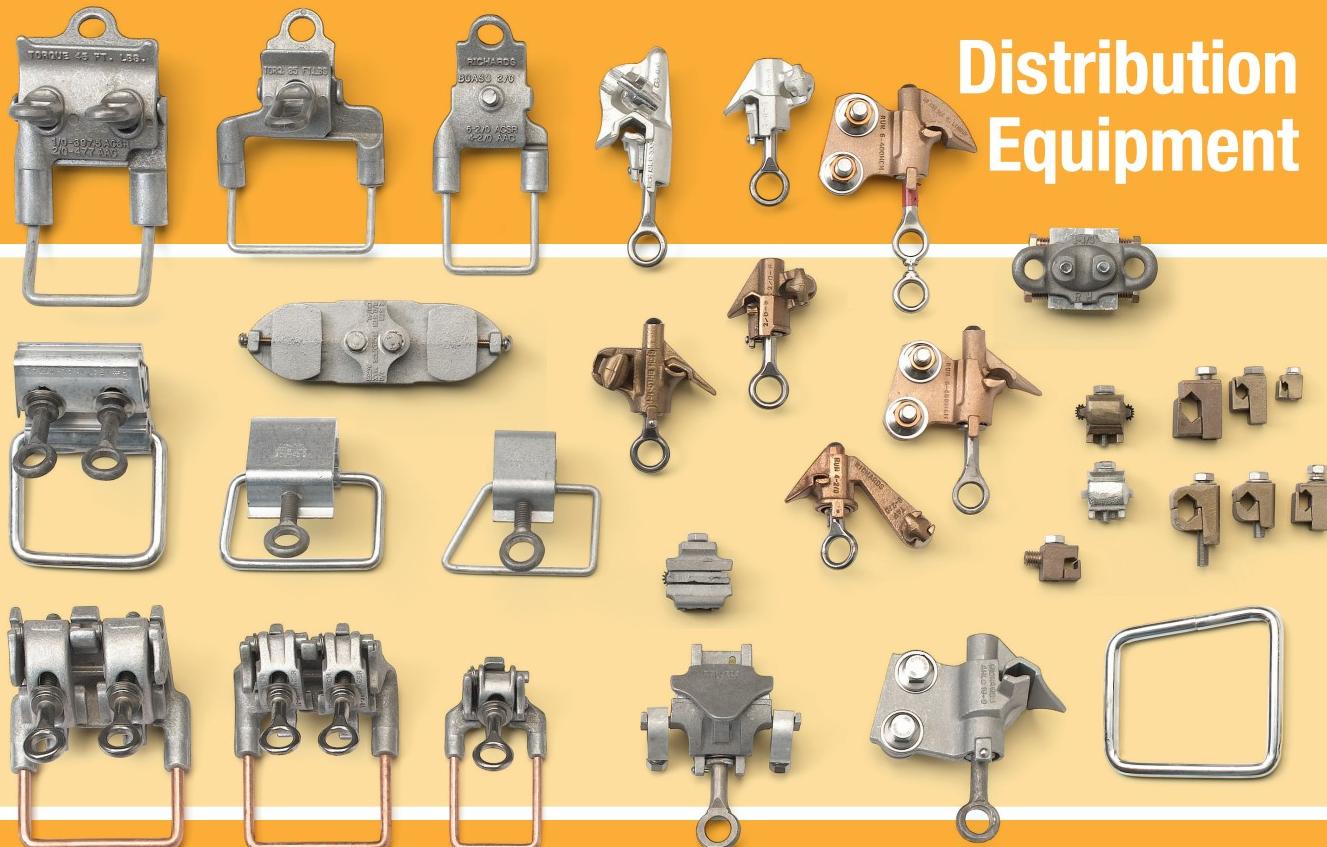


Distribution Equipment



DISTRIBUTION EQUIPMENT	SERIES	PAGE
Bronze Vise Connectors – Jaws Overlap	VC	DE1
Aluminum Hot-Line Clamps	AHLC	DE2
Bronze Hot-Line Clamps	BHLC	DE3
Aluminum Parallel Clamps with Plastic Covers	APC	DE4
Aluminum & Bronze Stirrup Connectors	ASC & BSC	DE5
Aluminum Clamshell Stirrups	BCASC	DE6
Bronze Vise Connectors – Jaws Meet	VC-H	DE7
Tank Ground Connectors	RTG	DE8
Service Drop Connectors	RSD	DE9
Mid-Span Clamps	SDC & SEC	DE10
Neutral Dead Ends	RDE	DE11
Stirrups	RST	DE12
Overhead Bail Clamps	RB	DE13
Bolted Wedge Connectors	RBWC	DE14
Bronze Parallel Vise Connectors	VC-80XX	DE15
Pedestal Connectors	PC371105	DE16
Acorn Ground Clamps	ACRN	DE17
Neutral-Span Clamps	R07-1285	DE18
Aluminum Hot-Line Clamps	AHLC-397	DE19



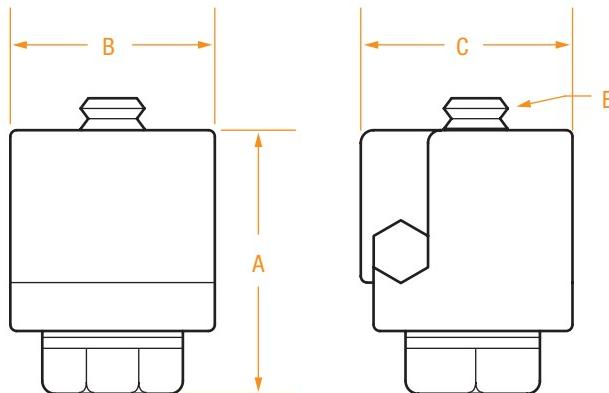
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RMC-CC-04-09

BRONZE VISE CONNECTORS – JAWS OVERLAP

VC Series

- Made of high-strength silicon bronze.
- Accepts a range of conductors.
- RUS Approved.



CATALOG NUMBER*	MINIMUM – WILL CLAMP ON ONE OF THESE	MAXIMUM – WILL OPEN TO FIT TWO OF THESE	DIMENSIONS IN INCHES			BOLT HEAD SIZE
			A	B	C	
VC3	6 Solid / 8 Stranded	6 Solid / 8 Stranded	7/8	5/8	3/4	3/8 (Slot)
VC5	4 Solid or Stranded	4 Solid or Stranded	1-1/8	3/4	13/16	9/16
VC7	2 Solid / 3 Stranded	2 Solid / 3 Stranded	1-3/8	13/16	15/16	9/16
VC10	1 Solid / 2 Stranded	2/0 Solid / 1/0 Stranded	1-5/8	13/16	1	9/16
VC10S	3/0 Solid / 2/0 Stranded	3/0 Solid / 2/0 Stranded	2	7/8	1-1/4	9/16
VC12	4/0 Solid or Stranded	4/0 Solid or Stranded	2-1/8	1	1-3/8	9/16
VC15	350 Stranded	350 Stranded	3	1-1/4	1-3/4	3/4
VC18	500 Stranded	500 Stranded	3-1/2	1-3/8	2	3/4

* For tin plated connectors, add “-P” to the catalog number.
For a shear head bolt, add “-SH” to the catalog number.
For a washer under the bolt, add “-W” to the catalog number.

FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE1

ALUMINUM HOT-LINE CLAMPS

AHLC Series

- Designed to be used for distribution service connections with hot sticks.
- Eyebolts are made from forged stainless steel.
- Eyelets and keepers are made from aluminum bronze.
- Bodies are made from high-strength aluminum.
- Wide jaws provide a greater surface contact, reducing twisting of the conductor during installation.
- Jaws are precoated with an oxide-inhibiting compound.
- Spring-loaded with a sturdy steel spring to compensate for the temperature change.



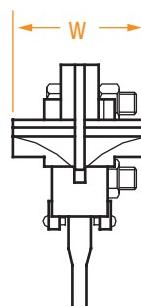
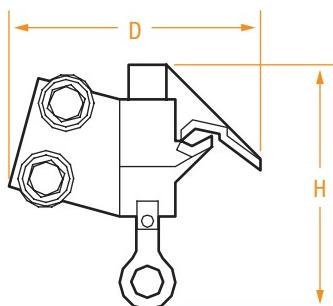
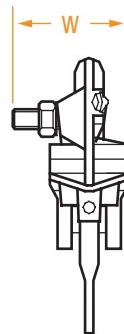
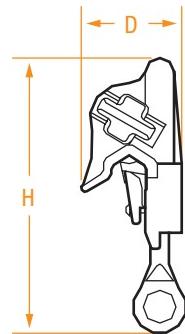
AHLC-18-9



AHLC-100



AHLC-300-TN



CATALOG NUMBER*	RUN RANGE		TAP RANGE		DIMENSIONS IN INCHES		
	MIN.	MAX.	MIN.	MAX.	H	D	W
AHLC-100-TN	#8	2/0	#8	2/0	5	2-3/4	2
AHLC-300-TN**	#6	400	#6	3/0	6	2-1/4	1-3/4
AHLC-18-9	1/0	500	two-hole NEMA Spade		6-1/2	4-1/2	3
AHLC-700	#4 Str	800	#4 Sol	300	7	3	3

* For tin plated connectors, add “-TN” to the catalog number.

For inhibitor in the clamp’s jaws, add “-I” to the catalog number.

For parts individually bagged, add “-B” to the catalog number.

** For 3/4" eyelet, add “-3/4” to the catalog number.

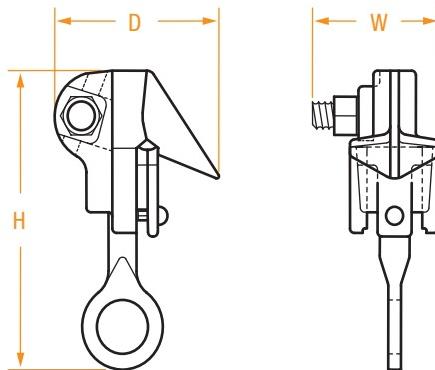
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE2

BRONZE HOT-LINE CLAMPS

BHLC Series

- Designed to be used for distribution service connections with hot sticks.
- Bodies are made from silicon bronze.
- Eyebolts are made from forged stainless steel.
- Eyelets and keepers are made from aluminum bronze.
- Wide jaws provide a greater area of surface contact reducing twisting of the conductor during installation.
- Spring-loaded with a sturdy steel spring to compensate for temperature change.



BHLC-100

BHLC-101

BHLC-102

BHLC-201

BHLC-300

BHLC-400

BHLC-401

CATALOG NUMBER*	RUN RANGE		TAP RANGE		DIMENSIONS IN INCHES		
	MIN.	MAX.	MIN.	MAX.	H	D	W
BHLC-100	#8	2/0	#8	2/0	5	2-3/4	2
BHLC-101	#6	400	#6	4/0	5-3/4	3-5/8	2-3/8
BHLC-102	#6	400	2/0 - 500 (U-Bolt Tap)		5-3/4	4-1/2	2-3/4
BHLC-201	#4	2/0	#6	2/0	3-7/8	4-1/2	1-7/8
BHLC-300	#6	400	#6	4/0	6-1/2	2-1/2	2-1/2
BHLC-400	#6	400	two-hole NEMA Spade		6-3/8	4-1/2	2-3/8
BHLC-401	#6	400	two-hole NEMA Spade		5-1/4	4-5/8	1-7/8

* For tin plated connectors, add "-TN" to the catalog number.
For inhibitor in the clamp's jaws, add "-I" to the catalog number.
For parts individually bagged, add "-B" to the catalog number.

FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE3

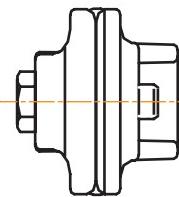
ALUMINUM PARALLEL CLAMPS WITH PLASTIC COVERS

APC Series

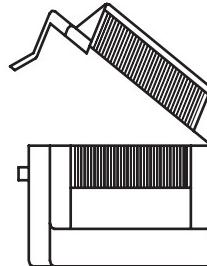
- Taps overhead secondary for connection to customer.
- Easily installed on energized or de-energized cables.
- Designed to withstand vibrations.
- Low torque provides high pressure on conductor.



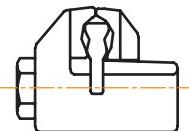
APC7-A



Aluminum
Connector



Snap On
Plastic Cover



CATALOG NUMBER*	RUN SIZE		TAP SIZE		SNAP-ON COVER
	ACSR	AL	ACSR	AL or CU	
APC5	#6-#4 ACSR	#2 Sol-#8 Sol Al	#6-#4 ACSR	#2 Sol-#8 Sol	APCC-1
APC7	#6-#2 ACSR	#1 Str-#6 Sol Al	#6-#2 ACSR	#1 Str-#12 Sol	APCC-1
APC10	#6-1/0 ACSR	#6 Sol-2/0 Str Al	#6-1/0 ACSR	#6 Sol-2/0 Str	APCC-1
APC11	#2-4/0 ACSR	#1 Str-4/0 Str Al	#2-4/0 ACSR	#1 Str-4/0 Str	APCC-2
APC12	#2-4/0 ACSR	#1 Str-4/0 Str Al	#6-2/0 ACSR	#6 Sol-2/0 Str	APCC-2
APC13	4/0-666,000 ACSR	266,800-800,000 Al	#2-4/0 ACSR	#1 Str-4/0	APCC-2
APC14	3/0-336,400 ACSR	4/0-397,500 Al	#6-4/0 ACSR	#6 Sol-266,800	APCC-2
APC15	3/0-336,400 ACSR	4/0-397,500 Al	3/0-336,400 ACSR	4/0-397,500	APCC-2

* For a rubber grommet on the spacer, add "-G" to the catalog number.
For connector and cover shipped together, add "-A" to the catalog number.

DE4

ALUMINUM & BRONZE STIRRUP CONNECTORS

ASC & BSC Series

- ASC connector has a pure aluminum body and pure copper bail.
- BSC connector has a bronze body and pure copper bail.
- Bail is knurled prior to insertion into aluminum connector to prevent pull-out.

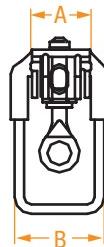
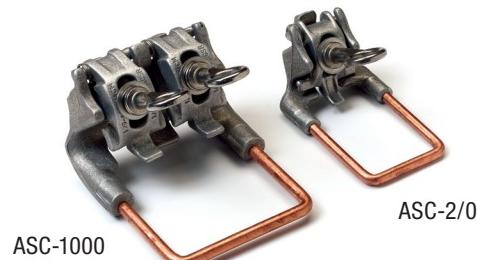


Figure 1

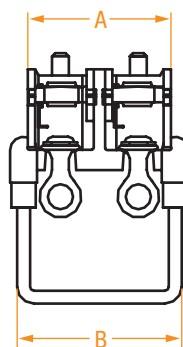


Figure 2



CATALOG NUMBER*	CABLE RANGE	# OF EYEBOLTS	DIMENSIONS IN INCHES			BAIL DIA.
			A	B	C	
ASC-2/0**	AAC: #6 Sol - 2/0 ACSR : #8 - 2/0	1	1-13/16	2-5/8	4-1/8	.289"
BSC-2/0***	#6 Sol - 2/0 Cu #8 - 2/0 Cu	1	1-7/8	2-5/8	4-1/4	.289"
ASC-500**	AAC: 1/0 - 500 MCM ACSR: 1/0 - 397.5 MCM	2	4	4-3/8	4-13/16	.332"
ASC-1000**	AAC: 350 - 1000 MCM ACSR: 336.4 - 954 MCM	2	4-1/4	4-13/16	5-1/8	.385"

* For tin plated bails, add "-TN" to the catalog number.

** ASC-2/0, ASC-500 and ASC-1000 come with inhibitor applied to the clamp and individually bagged.

*** BSC-2/0 is not greased or bagged. Please add "-I" for inhibitor, "-B" for individually bagged or "-IB" for both.



DE5

ALUMINUM CLAMSHELL STIRRUPS

BCASC Series

- Connector has a pure A356T6 aluminum body and pure copper bail.
- Bail is knurled prior to insertion into aluminum connector to prevent pull-out.
- Bail is tin-plated for better electrical connection

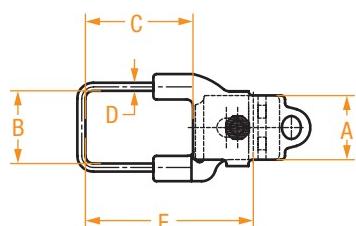


Figure 1

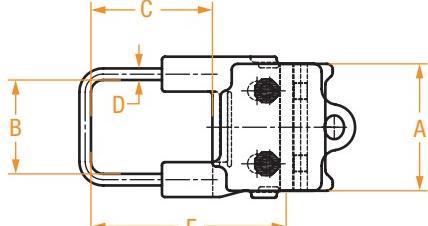


Figure 2

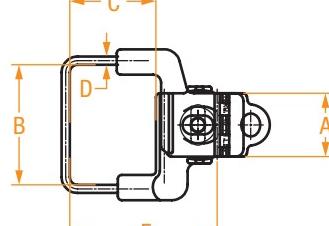


Figure 3

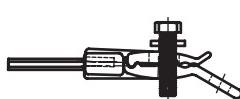


Figure 4

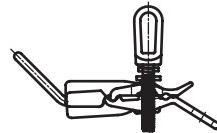


Figure 5

CATALOG NUMBER	FIGURE	CABLE RANGE		DIMENSIONS IN INCHES				
		AAC	ACSR	A	B	C	D	E
BCASC2/0	1&4	4-2/0 (.232" - .414")	6-2/0 (.198" - .447")	2	2-1/4	3-3/8	#2 Cu	5-5/16
BCASC2/0-E-W	3&4				3-1/8	4-7/8		
BCASC2/0-E-45	1&5				3-3/8	5-5/16		
BCASC2/0-W	3&4			4	3-3/4	3-1/8		4-7/8
BCASC2/0-45	1&5				4-1/4	2/0 Cu	6-1/8	
BCASC2/0-E-W-45	3&5				4		5-3/4	
BCASC397	2&4	2/0-477 (.414" - .815")	1/0-477 18/1 (.398" - .815")	2	3-1/8	4-1/8	1/0 Cu	6-1/8
BCASC397-45	1&5				3-1/8	4		5-3/4
BCASC397-E-45	2&5				4-1/8	6-1/8		
BCASC397-L	2&4			4	3-7/8	5-3/4		
BCASC397-E-45-L	2&5				3-7/8			

E-Eye Bolt

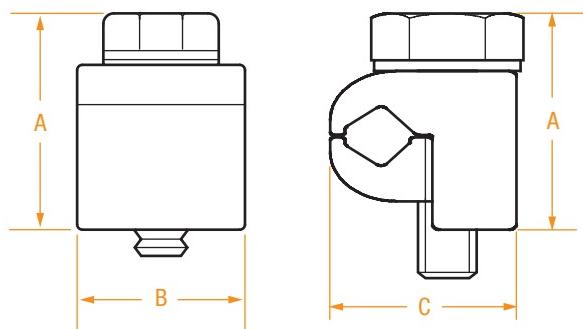
W-Wide Bail

45-45° Bail

BRONZE VISE CONNECTORS – JAWS MEET

VC-H Series

- Made of high-strength silicon bronze.
- Accepts a range of conductors.



CATALOG NUMBER*	MINIMUM – WILL CLAMP ON ONE OF THESE	MAXIMUM – WILL OPEN TO FIT TWO OF THESE	DIMENSIONS IN INCHES			BOLT HEAD SIZE
			A	B	C	
VC3-H	6	6	15/16	9/16	5/8	3/8 Slotted
VC5-H	2	2	1-1/8	11/16	13/16	9/16
VC7-H	1/0	1/0	1-1/2	13/16	1-1/16	9/16
VC10S-H	2/0	2/0	1-5/8	1	1-1/8	9/16
VC12-H	4/0	4/0	1-3/4	1	1-7/16	9/16

* For tin plated, add “-P” to the catalog number.
For a shear head bolt, add “-SH” to the catalog number.

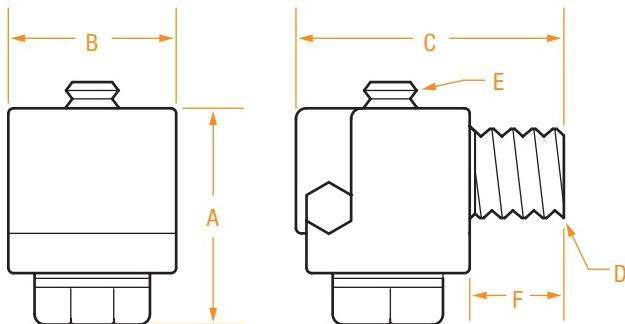
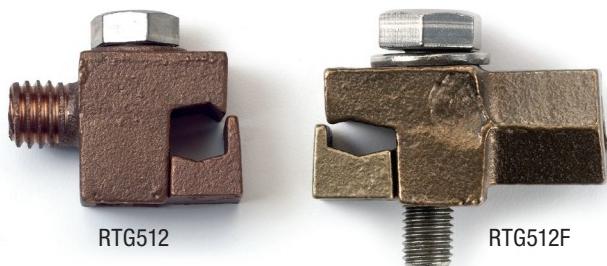
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE7

TANK GROUND CONNECTORS

RTG Series

- Used for grounding connections on distribution transformer tanks.
- Recommended for copper ground conductors.
- Made of high-strength silicon bronze.
- Provided with standard 1/2 - 13 thread studs with a 9/16" bolt head.



CATALOG NUMBER *	CONDUCTOR RANGE	DIMENSIONS IN INCHES						
		A	B	C	D	E	F	G
RTG512	6 SOL. to 1/0	1-1/4	3/4	1-3/8	1/2	5/16	1/2	-
RTG512-F	6 SOL. to 1/0	7/8	7/8	1-11/16	-	5/16	1/2	Threaded hole 5/16 -18

* For plated connectors, add "-TN" to the catalog number.
For greased connectors, add "-G" to the catalog number.

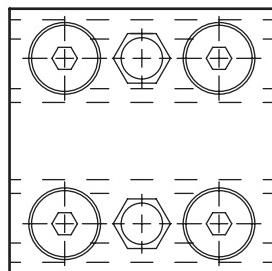
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE8

SERVICE DROP CONNECTORS

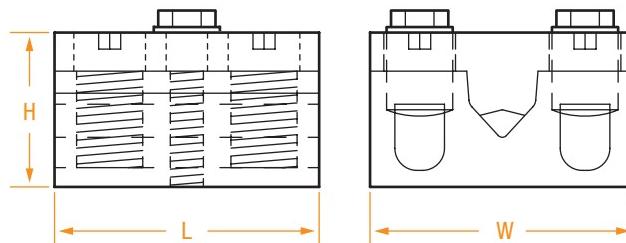
RSD Series

- Designed for multiple service connections.
- It provides a compact, readily accessible, reliable secondary connection.
- Allows for one main run and four service drop connections.
- Each service drop is individually connected, which allows easy installation and removal.
- The body is made of high-strength aluminum.
- Cable ports are pre-filled with an oxide-inhibiting compound.



COVER:

- The cover is designed to protect the connector from contact with other phases.
- Holes for the service drops are precut to allow installation and removal of each service without having to remove the cover.
- Contains UV stabilizers.



RSD262

CATALOG NUMBER	CONDUCTOR RANGES		DIMENSIONS IN INCHES		
	RUN	TAP	L	W	H
RSD262*	2 Str. – 350 MCM	#4 Sol – 3/0 Str.	3-1/16	2-7/8	1-3/4
RSD262C	2 Str. – 350 MCM	#4 Sol – 3/0 Str.	3-15/16	3-9/16	3

* Comes with the black cover RSD262C.

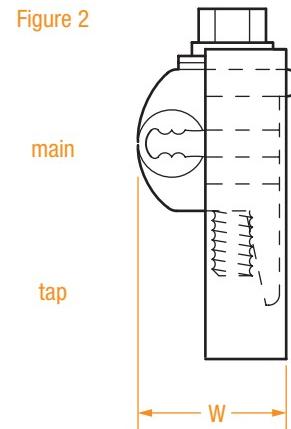
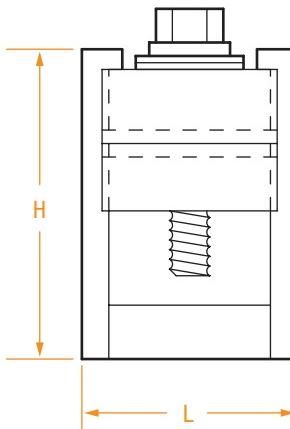
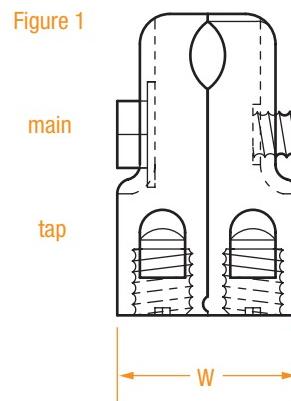
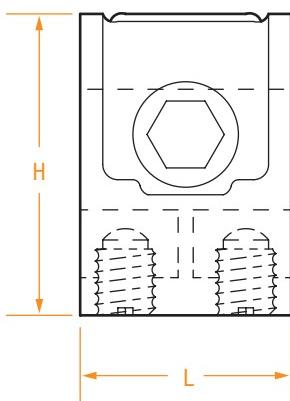
RSD262C IS THE COVER FOR THE RSD262 CONNECTOR

DE9

MID-SPAN CLAMPS

SDC & SEC Series

- Mid-span clamps are designed for use on bare cable and triplex secondaries for single or multiple service connections away from the pole.
- Fabricated from high-strength, high-conductivity aluminum.
- Features a four-tap connection block and an aluminum base with side loop that attach to service dead ends.
- Cable ports are pre-filled with an oxide-inhibiting compound.
- The service tap block enables the joining of one through four cables.
- Each cable is held by a separate bolt allowing for easy installation and removal.
- High-strength washer bolts are used to secure the neutrals.
- These bolts are anodized to prevent the aluminum from galling when installing and removing cables.
- Plastic cover contains UV stabilizers.



SDC495



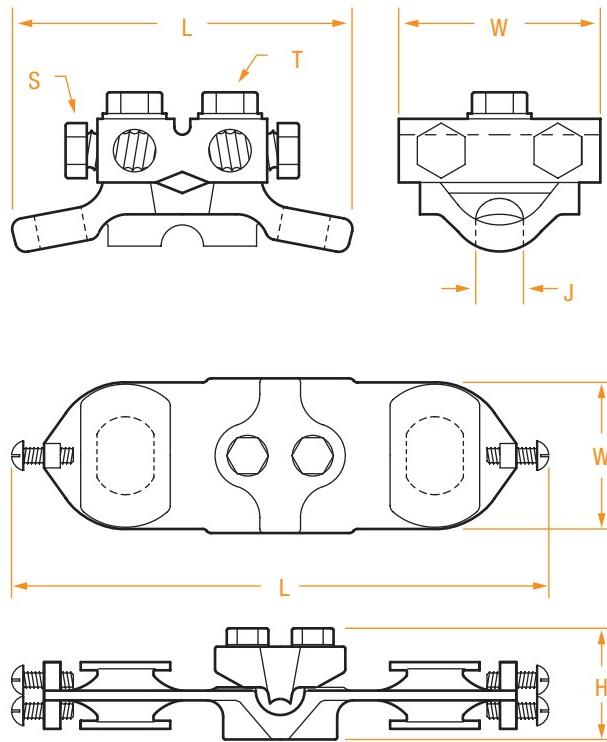
SEC3-12

CATALOG NUMBER	CONDUCTOR RANGES		FIG.	DIMENSIONS IN INCHES		
	MAIN	TAP		L	W	H
SDC495	#2 str – 3/0 Str	#6 – 1/0 Str	1	2	1-9/16	2-7/8
SEC3-12	#6 Sol Cu – 2/0 Str #6 Str Al – 4/0 Str Al	#6 Sol Cu – 2/0 Str #6 Str Al – 4/0 Str Al	2	1-3/4	1-1/2	2-1/2

NEUTRAL DEAD ENDS

RDE Series

- The RICHARDS RDE-101 and RSPTAP use an aluminum connector block with four taps to join neutrals from one through four services.
- Designed for neutral dead-end connections.
- High-strength aluminum washer head bolts are used to provide easy installations on bare wire or triplex secondary neutrals away from the pole.
- Side loops allow service dead ends to be attached at any angle.
- Each service is individually connected, which provides easy removal and installation.
- When installed on triplex secondaries, the fitted grooves protect the covered phase wires.
- Each cable port is pre-filled with an oxide-inhibiting compound.



RSPTAP



RDE-101

CATALOG NUMBER	CONDUCTOR RANGE				DIMENSIONS IN INCHES						
	RUN		TAP		H	J	L	W	T	S	
	MIN	MAX	MIN	MAX							
RDE-101	#4	4/0	#6	2/0	2-1/4	5/8	4-1/8	2-7/8	3/8	1/2	
RSPTAP	-	-	-	-	1-1/2	-	8-1/8	2-3/8	-	-	

DE11

STIRRUPS

RST Series

- Stirrups allow the attachment of hot-line clamps and grounding connectors to different system components.
- Stirrup holes are spaced such that they will be accepted on standard NEMA pads.
- The flange on the end of the stirrup prevents any clamps from sliding off during installation.

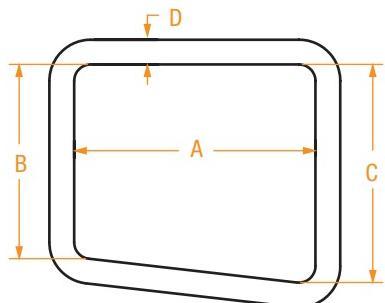


Figure 2

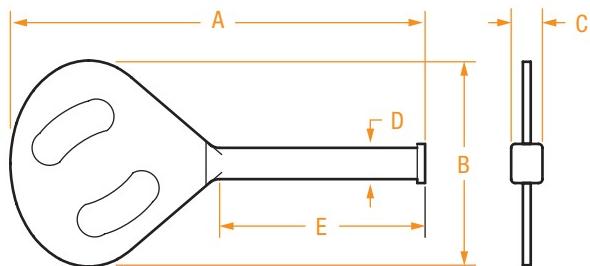


Figure 1

CATALOG NUMBER	FIGURE	DIMENSIONS IN INCHES				
		A	B	C	D	E
RST-275	1	7	3-1/2	1-1/4	3/4	3-1/4
R124214	2	4-1/4	3-3/8	4-1/8	0.460" (4/0)	N/A
RST-356	3	7	2-1/4	1-1/2	1/2	1-1/4

RST-275 is made of high-strength cast aluminum.
R124214 is made of high-conductivity copper rod.
RST-356 is made of cast bronze.

DE12

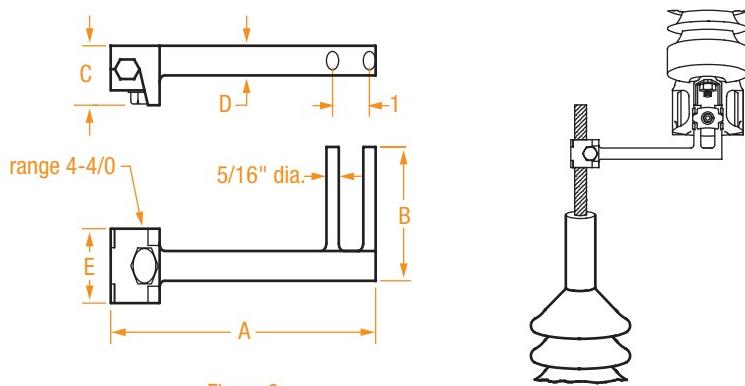


Figure 3

OVERHEAD BAIL CLAMPS

RB Series

- Designed to be used for distribution service connections with standard hot sticks.
- Bail size ranges from #1 to 4/0 solid.
- The body is made of high-strength aluminum.
- Large area of compression between the aluminum body and the bail makes an extremely reliable connection.
- The wide jaws provide a greater area of surface contact, reducing twisting of the conductor during installation.
- Jaws are pre-coated with an oxide-inhibiting compound.

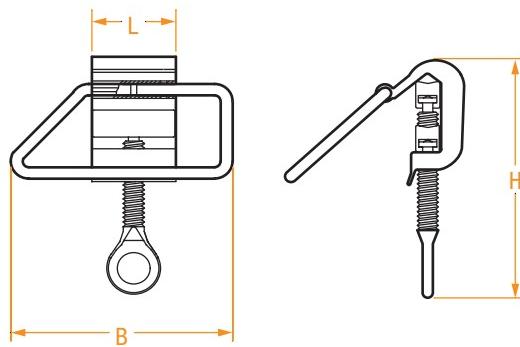


Figure 1

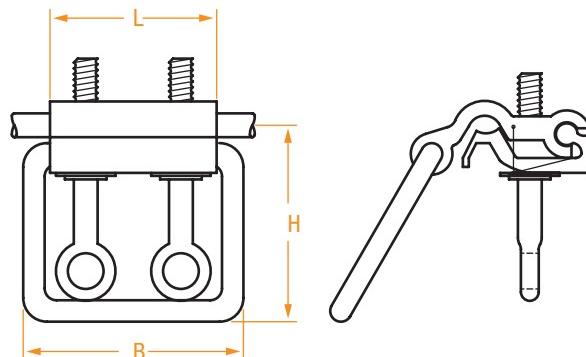
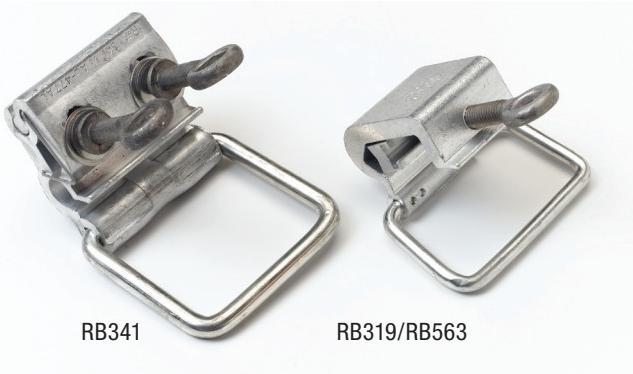


Figure 2

CATALOG NUMBER*	FIGURE	CONDUCTOR RANGE		BAIL SIZE	DIMENSIONS IN INCHES		
		MAX.	MIN.		L	B	H
RB563	1	4/0	#4	#1	1-3/4	4-1/2	4-1/2
RB319	1	477	1/0	1/0	2-1/2	5	4-1/2
RB341	2	477 AL	1/0 AL	4/0 Cu	3-1/2	4-5/8	5

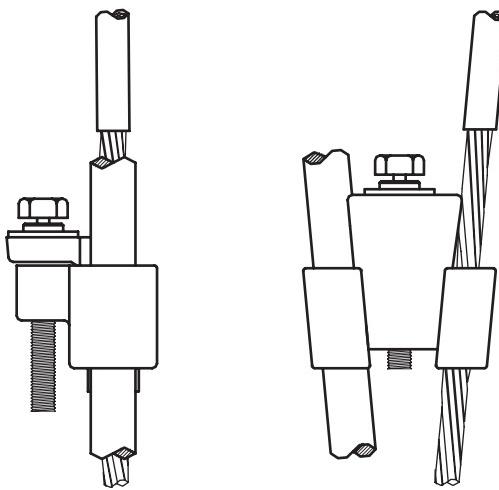
* Standard connectors have tinned copper bails. Add “-NTN” to the catalog number if non-tinned bails are acceptable.

DE13

BOLTED WEDGE CONNECTORS

RBWC Series

- Made of high-strength silicon bronze.
- Wedge design keeps constant compression.
- Shear-head bolt ensures proper torque.
- Forces in excess of 4,000 lbs. on each cable or ground rod.



CATALOG NUMBER	CONDUCTOR RANGE		BOLT	BOLT HEAD
	MIN	MAX		
RBWC-L-9-7	#2	1/0	5/16	9/16
RBWC-L-9-5	#4	1/0	5/16	9/16
RBWC-L-9	1/0	1/0	5/16	9/16
RBWC-M-5/8-5	#4 or #6	5/8" Ground Rod	5/16	9/16
RBWC-M-5/8-7	#2	5/8" Ground Rod	5/16	9/16
RBWC-M-5/8-9	1/0	5/8" Ground Rod	5/16	9/16

FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE14

BRONZE PARALLEL VISE CONNECTORS

VC-80XX Series

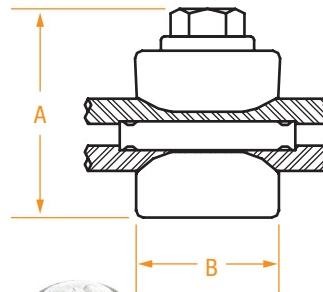
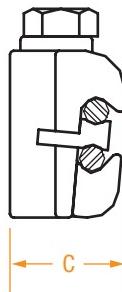
- Made of high-strength silicon bronze.
- Accepts a range of conductors.
- Size overlapping allows for smaller inventory requirements.
- Interlocking design provides resistance to vibration loosening.
- Spacer provides additional contact area for lower resistance.



VC-8010-G



VC-8010-TN



VC-8058-SH

CONDUCTOR RANGE		CATALOG NUMBER*	DIMENSIONS IN INCHES			BOLT	BOLT HEAD
MIN	MAX		A	B	C		
#8	#3	VC-8002	1-3/16	1	3/4	5/16	9/16
#8	#1	VC-8010	1-7/16	1	1	5/16	9/16
#8	3/0	VC-8020	1-9/16	1	1	5/16	9/16
#6 - #2	5/8 Ground Rod	VC-8058-SH	2-1/4	1-3/16	1-3/16	3/8	9/16

* For tin-plated connectors, add "-P" to the catalog number.

For a shear-head bolt, add "-SH" to the catalog number.

For a rubber grommet on the spacer, add "-G" to the catalog number.

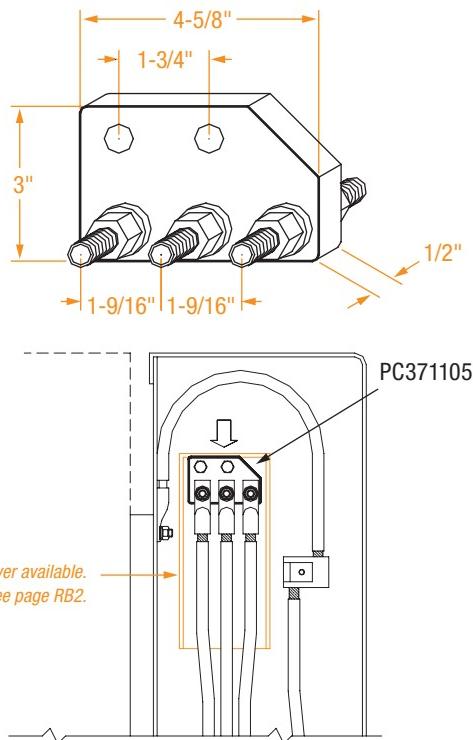
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE15

PEDESTAL CONNECTORS

PC371105 Series

- Plate is tin-plated aluminum.
- Stainless steel studs.
- Zinc dichromate-plated washer nuts.



CATALOG NUMBER	STUD SIZE
PC371105	1/2"

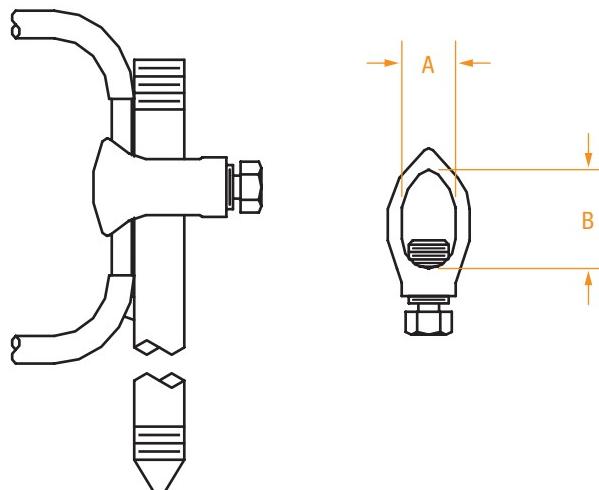
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE16

ACORN GROUND CLAMPS

ACRN Series

- Used for grounding copper conductor to copper ground.
- Made from bronze alloy.



CATALOG NUMBER	CONDUCTOR RANGE	ROD SIZE	DIMENSIONS IN INCHES	
			A	B
ACRN-5/8*	#8-1/0	5/8"	11/16	1-1/16
ACRN-5/8-CPS	#2-14	5/8"	5/8	1-1/16

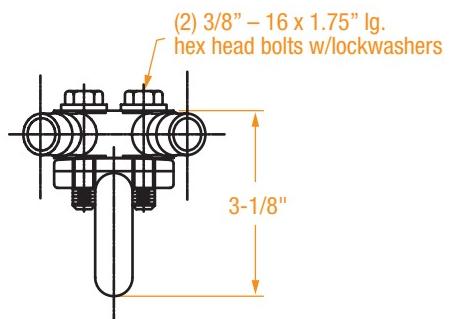
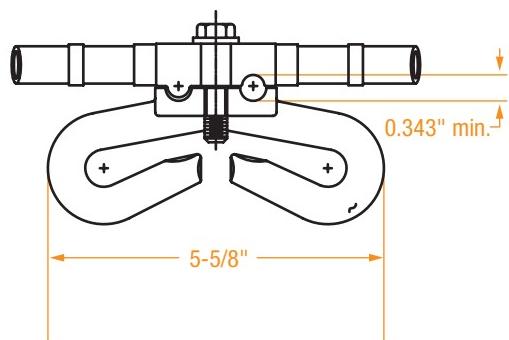
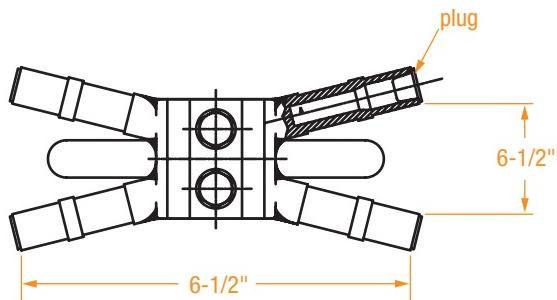
* For a shear-head bolt, add "-SH" to the catalog number.

DE17

NEUTRAL-SPAN CLAMPS

R07-1285 Series

- Used for mid-span taps.
- Made of high-strength aluminum.
- Filled with oxide-inhibiting grease.



CATALOG NUMBER	HEIGHT
R07-1285	3-1/8"

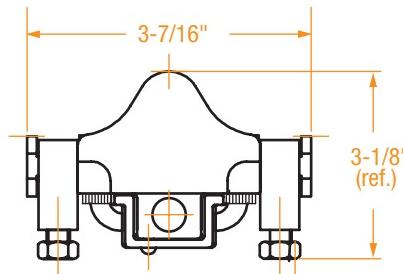
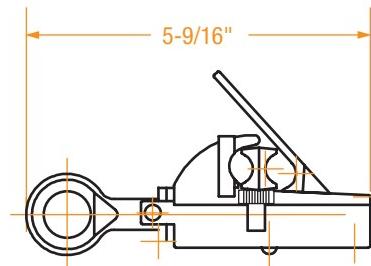
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

DE18

ALUMINUM HOT-LINE CLAMPS

AHLC-397 Series

- A full duty connector designed to replace the function of hot-line taps in heavily loaded applications.
- Acorn clamps allow secure taps to exit from either side.
- Clamp is made of high-strength aluminum.
- Center piece is made from soft, high-conductive pure aluminum.
- Filled with oxide-inhibiting grease.
- Easily installed using a hot stick.



CATALOG NUMBER	CONDUCTOR RANGE RUN SIZE		CONDUCTOR RANGE TAP SIZE	
	MIN	MAX	MIN	MAX
AHLC-397	3/0 ACSR / 4/0 Str Al	336,400 ACSR / 397,500 Al	3/0 ACSR / 4/0 Str Al	336,400 ACSR / 397,500 Al

DE19



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